

## PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2001020185 A2

(43) Date of publication of application: 23 . 01 . 01

(51) Int. CI D06P 5/00 B32B 5/26 B41M 5/00

(21) Application number: 11190201

(71) Applicant:

MITSUBISHI PAPER MILLS LTD

(22) Date of filing: 05 . 07 . 99

(72) Inventor:

ARAI KATSUAKI

(30) Priority: 05 . 07

05 . 07 . 99 JP 190201

IGUCHI YUJI

(54) INK-JET RECORDING SHEET

(57) Abstract:

PROBLEM TO BE SOLVED: To provide an ink-jetting recording sheet that shows excellent color development in the recorded images, as it has a unique canvas-like touch and can be used out-of-doors, since it has high sheet strength and resistance to water.

SOLUTION: The substrate comprises two or more layers of nonwoven fabrics in which the first nonwoven fabric layer includes thermally fusing fibers in addition to the main fibers and the ink-receiving layer is formed on the face of the first nonwoven fabric layer opposite to the second nonwoven fabric. When the fusing fibers are used in an amount of 1-500 pts.wt. per 100 pts.wt. of the main fiber, the above-stated properties are additionally improved. The fiber diameter of the fibers constituting the first nonwoven fabric layer is made smaller than the average diameter of the second nonwoven fabric layer. At least one of nonwoven fabric layer is made from staple fibers.

COPYRIGHT: (C)2001, JPO

